Student Alumni System

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Abstract— The Student Alumni System provides the way in which alumni can stay connected with college which has been very important part of their memory. SAS does not connect only college with its alumni but also it connects current students of college and its alumni. So that the bond between existing students and pass-out students will become strong and there will be direct flow of information between them. SAS have features for both existing student and alumni like Content Management System, Discussion Groups (Forums), Career Center, Marks Revaluation System, SMS Notification etc. We understand the importance of "staying connected" & therefore structured a portal which is equipped to let you connect, build credibility and expand upon the Graduates.

Key words: Portal, Alumni, Content Management System, Marks Revaluation System

I. INTRODUCTION

The alumni association is the most important part of an educational institute or an organization. It says a lot about the quality of education imparted in that institute. Part of the reputation of a college rests on its Alma Mater. After the students complete their education, they begin their journey in the corporate world. Many of them attribute a lot to the kind of education, grooming, opportunities, co-curricular activities and facilities provided by their college.

Many students like to come back to their college that has been a very important part of their memory. They like to give back to their college by giving their valuable time. They feel obliged to the institute that opened new avenues of jobs for them by building them academically strong. Most of the good colleges ensure an all-round development of the students. They have special sessions to grill the students and prepare them for the interviews. There are various kinds of co-curricular activities and competitions organized by the college. Such events create memories for the students to cherish for a lifetime. [2]

II. LITERATURE SURVEY

A. Existing System:

In the past, alumni relations, or engagement, tended to be treated as a stand-alone activity divorced from fundraising and other advancement activities. Indeed, some alumni associations were entirely independent of their parent institutions, and whilst their members interacted with each other, they had very little interaction with the institution. Also, Alumni Website was developed using static page rather than dynamic page. And also in existing system, maximum work goes on manually and it is error prone system, it takes time for any changes in the system.[1]The alumni portal is accessible for ex-students and not for current students. This is a major hurdle in the flow of information and guidance to the existing student. The

institution maintain separate portal for existing students. This has following disadvantages:

1) Maintaining two portals is costly
2) No link between Alumni portal and college portal for existing students
3) No direct flow of information from ex-students to current students
4) No SMS or email notification in case of any events posted, alumni has to login to portal to know about new events or updates

Alumni has to go to college for any document that is required for higher studies for which he has to take a leave from his office or find time from his busy schedule

III. DESCRIPTION OF PROPOSED SYSTEM

The current most of alumni portals are for alumni only. There is no link between existing students and pass out students of college. So we trying to establish a link between pass out and existing students of college, so that there will be direct flow of information between them.

A. Proposed System:

Keeping all the above problems in mind, we decided to go one step further by integrating the college portal and alumni portal. As a part of this project following things will be implemented:

1) Enterprise Social Networking: The first type of interaction to enhance alumni networking is social interaction. We not only let you perform social interactions between the institution and its alumni members, but also, and more importantly, between the alumni members themselves. By executing relationship marketing initiatives amongst the alumni constituents successfully, the alumni become institutional brand ambassadors and spread a positive message by word of mouth about the institution acting as brand ambassadors.
2) Giving Back to Institution: "An Alumni association or convocation is solely a network for social interaction that has cost initiatives valuable financial and human resources". Our portal helps universities looking to their alumni associations either for fund-raising or to assess feasibility of those units.
3) Content Management System: The portal is escorted with a Content Management System used for storing, controlling, versioning, and publishing university-specific documentation.
4) Event Management: The events section will offer a user-friendly environment for facility scheduling and event management. The events section provides centralized management of all your small to mid-size events.
5) Discussion Groups (Forums): Making the site a hub for information and discussion encourages visitors

to return again and again. It's also a highly effective way of improving the service to customers or users of the website. The discussion groups featured in the portal keep up to the forefront of new Internet innovations, while always keeping an eye on security and performance.

6) Career Center: Attrition has been a common issue in almost all organizations. In order to tackle the problem, the portal will provide a Career Center. This provides advertising for the vacancy in addition to the existing measures the university takes for recruitment. The portal will have a simplified version of a standard recruitment website where it is possible to search for jobs and post resumes.

7) Marks Revaluation System: This module will deal with the re-valuation of KT papers and getting updated result online. Student will be kept updated about the entire process through SMS notification and email.

8) SMS Notification: The portal will also have facility to send notification in case of any upcoming event or job opportunities posted on a portal so that users of portal are aware of the updates on portal.

Some features of our proposed system in detail are as follow:

1) Content Management System:

The ex-students who require bonafide certificate or other documents from college for his/her higher studies or other reasons, he /she has to come to college for giving application for these documents. For that he/she take holiday from office or he/she has to visit college more than 2-3 times if that corresponding clerk is absent or not present at that time.

So in our system makes this entire process automated. The alumni will have first signup then have to apply for respective document. The alumni has to fill all required details in the given form and has to attach document required for document that he/she want .All the details entered are validated by the system and then only request will be accepted by the system. The request will be forwarded to the clerk where he will once again verify the details and approve the request. After approval from clerk , he will send the a SMS notification to respective alumni that his/her document will be ready by this date and some date will be given to him/her to receive document from the college.

This process will save the time of alumni and unnecessary rounds of college for the document.

2) Marks Revaluation System:

This module will be used by existing students of the college. At present, Marks Revaluation is a manual process. Student has to stand in queue to collect the revaluation form, fill the form and then again stand in queue for submitting the form. Again he has to wait for the results. In the entire process, lot of efforts is involved by the students and there is no transparency in the system as where his application is pending. Student at any point is not aware about his request, what is the status, with whom it's assigned to. Student is not able to track the status of his request.

Keeping all the above said problems in mind, we decided to develop such a system which makes the entire process of revaluation into automated system. Student will have to first signup and then he can apply for revaluation. Student has to fill all the required details related to exam and his marks. All the details entered by the student will be validated by the system and then only student revaluation request will be accepted by the system. The request will be forwarded to the clerk where he will once again verify the details and approve the request. After approval from clerk the request is forwarded to the examiner. The examiner will again recheck the paper and depending on whether marks has increased or not he will approve or reject the request. During this entire process, student is kept up to date through SMS and email. In addition to this clerk and examiner will also receive a SMS regarding the revaluation request.

B. *Algorithm for Marks Revaluation System:*

1) Student applies for revaluation
2) The system then finds out the clerk from corresponding department having minimum number of request pending with him.
3) The request is then assigned to the corresponding clerk.
4) A SMS and an Email is sent to both Clerk and Student informing about the
5) rechecking application.
6) Clerk after initial verfication either Approves or Rejects the application
   - If application is approved, the system then finds the Examiner from corresponding department having minimum number of request pending with him
   - If application is rejected, the application status is changed to rejected and a SMS and an Email is sent to the student
7) The request is then assigned to corresponding examiner
8) Examiner after rechecking either Approves or Rejects the application
   - If there is change in marks, examiner approves the application and the updated marksheet is reflected in the system. Meanwhile a SMS and an Email is sent to student informing about the application status.
   - If there is no change in marks, examiner rejects the application and a SMS and an Email is sent to student mobile informing about the application status.

C. *SMS Notification:*

There is no SMS notification facility in current alumni portals. Our system will provide a facility to send notification through SMS about any upcoming events or job opportunities so that users of our system will aware of all events or updates. So the users of our system do not has to login to portal.

D. *Career Center:*

The proposed system also provides job opportunities. The alumni who have job vacancies in his company can post the job on the portal. This job details will be visible to both existing students and ex-students.
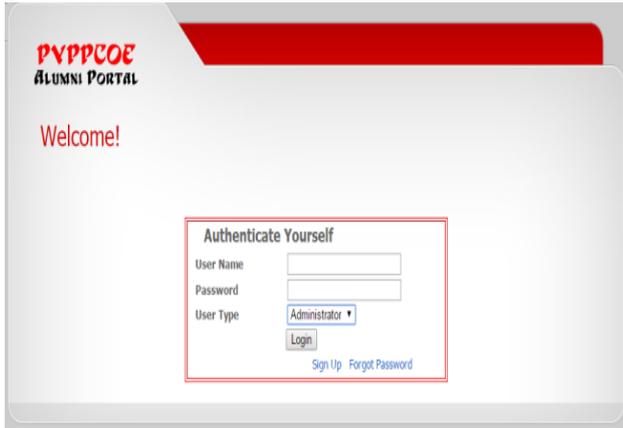
IV. RESULTS

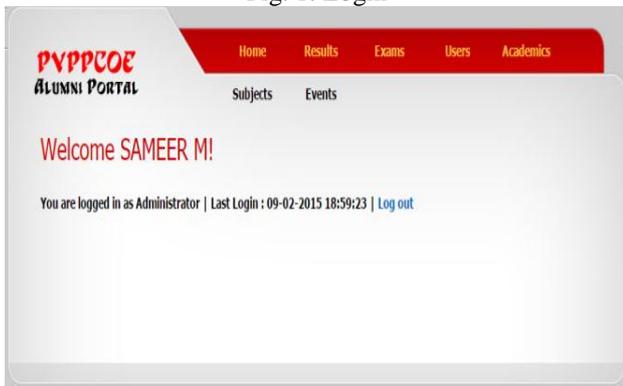### A. Administrator Module:

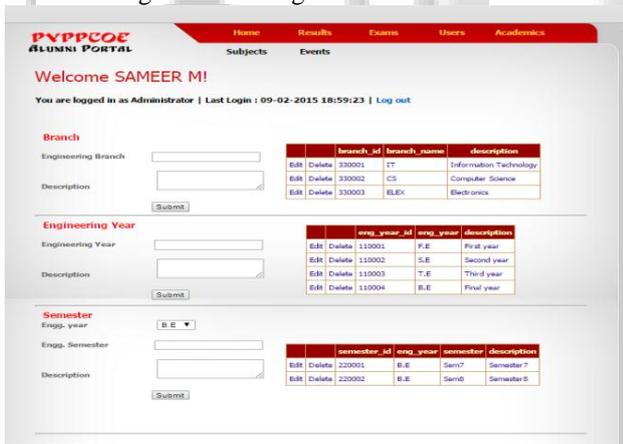Fig. 1: Login
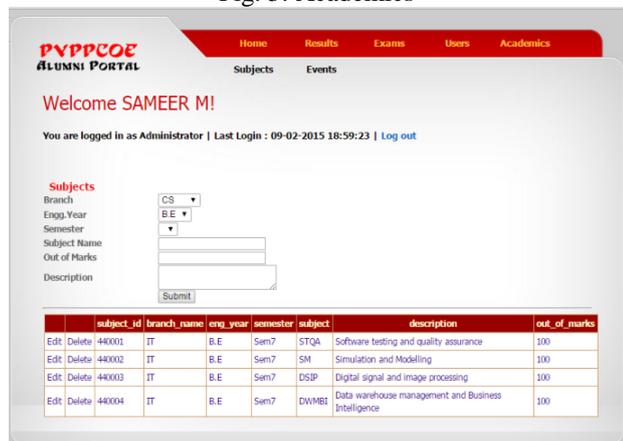

Fig. 2: Home Page For Administrator

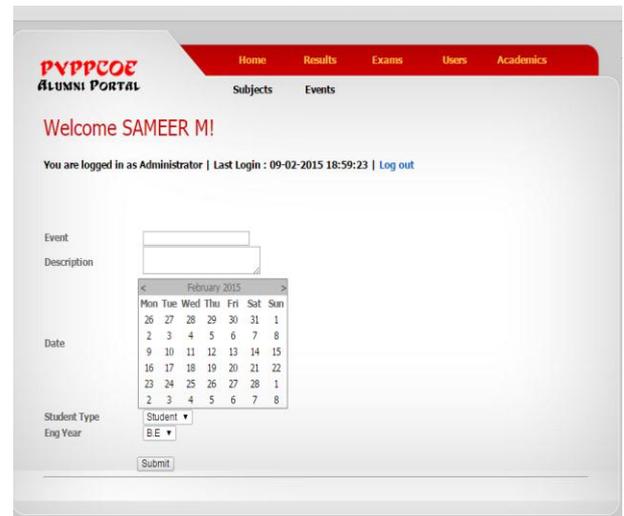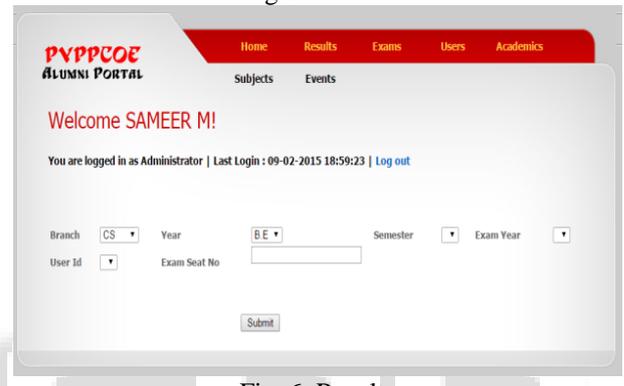Fig. 3: Academics
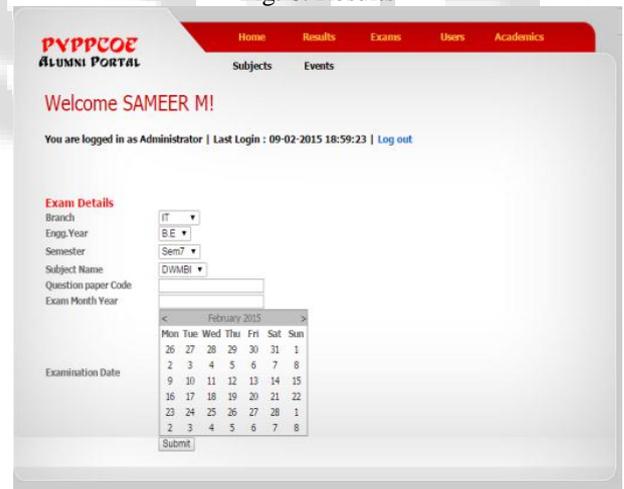

Fig. 4: Students

Fig. 5: Events

Fig. 6: Results

Fig. 7: Exams

V. CONCLUSION

By using this system a great interaction can be maintained in between the pass out student and with the college. A good networking can be developed in between the current student and alumni, by using this system the student can clear there doubt in any area, the Alumni student can share their knowledge, materials everything can be possible by using this application.

In case of any emergency, if the Department wants any information about alumni then they can get easily by using this system.

The current project will have all the features mentioned above. The advancement to this project would be

including features E-Commerce, Newsletter Management. Also we will provide to include module where user can post event or jobs details through simple sms without actually logging into portal.

REFERENCES

[1] Mr. NileshRathod, Dr.Seema Shah,Prof. KavitaShirsat," An Interactive Online Training and Placement System"
[2] URL-http://www.mitaoe.ac.in/alumni-assocation,"MIT Academy of engineering , Importance of Alumni Association